	Application No.	Applicant(s)
,	09/811,868	LEE, CLAYMENS
Notice of Allowability	Examiner	Art Unit
	TUAN A PHAM	2643
The MAILING DATE of this communication appear All claims being allowable, PROSECUTION ON THE MERITS IS (herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGOT THE Office or upon petition by the applicant. See 37 CFR 1.313	ars on the cover sheet with the OR REMAINS) CLOSED in this or other appropriate communica GHTS. This application is subje	e correspondence address application. If not included tion will be mailed in due course. THIS
1. This communication is responsive to 8/30/2004.		
2. The allowed claim(s) is/are <u>1-6</u> .		
3. The drawings filed on 19 March 2001 are accepted by the Examiner.		
 4. Acknowledgment is made of a claim for foreign priority under a) All b) Some* c) None of the: Certified copies of the priority documents have Certified copies of the priority documents have Copies of the certified copies of the priority documents have Copies of the certified copies of the priority documents have International Bureau (PCT Rule 17.2(a)). * Certified copies not received: 	been received. been received in Application No)
Applicant has THREE MONTHS FROM THE "MAILING DATE" of noted below. Failure to timely comply will result in ABANDONMETHIS THREE-MONTH PERIOD IS NOT EXTENDABLE.		ply complying with the requirements
5. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.		
 6. CORRECTED DRAWINGS (as "replacement sheets") must be submitted. (a) including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached 1) hereto or 2) to Paper No./Mail Date (b) including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d). 7. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL. 		
Attachment(s) 1. ☐ Notice of References Cited (PTO-892) 2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948) 3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08 Paper No./Mail Date	6. ☐ Interview Summ Paper No./Mail 3), 7. ☐ Examiner's Ame	Date

DETAILED ACTION

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REASONS FOR ALLOWANCE

- 1. Claims 1-6 are allowed over the prior art of record.
- 2. The following is an examiner's statement of reasons for allowance:

The applicant's Remarks filed on 08/30/2004 have been carefully reviewed with update search. Consequently, the reasons for allowance of claims 1-4 are set forth in according to the applicant's remarks stated on pages 3-6.

Regarding claim 5, the prior art made of record fails to teach or suggest, the logical sequential steps of a method of a digital canceller that is suitable for a full duplex digital transceiver and is used to cancel an echo signal, with a first receiving end connected to a second receiving end by the cable, and the first receiving end transmits an input signal as recited in the independent claim 5.

3. Applicant timely filed terminal disclaimer on 12/27/2004 to overcome the obvioustype double patenting rejection, thus placing the claims into condition for allowance.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

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Conclusion

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4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to **Tuan A. Pham** whose telephone number is (703) 305-4987. The examiner can normally be reached on Monday through Friday, 8:00 AM-5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mr. Curtis Kuntz can be reached on (703) 305-4708 and

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CALL Customer Service at (703) 306-0377 FOR THE SUBSTITUTIONS OR COPIES.

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks Washington, D.C. 20231

Or faxed to: (703) 872-9306

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington VA, Sixth Floor (Receptionist, tel. No. 703-305-4700).

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR.

Status information for unpublished applications is available through Private PAIR only.

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Art Unit 2643 March 16, 2005 Examiner

Tuan Pham

BINHTIEU '
PRIMARY EXAMINER